DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO

OPNAVINST 4000.57F
N412
06 June 1996

OPNAV INSTRUCTION 4000.57F

From: Chief of Naval Operations

Subj: LOGISTIC SUPPORT OF THE TRIDENT SYSTEM

Ref: (a) OPNAVINST 4700.7J (NOTAL)
(b) COMSUBLANT/CTF42 OPORD 2000 of 14 Nov 94 (NOTAL)
(c) COMSUBPAC OPORD 201; Change 4 of 15 Mar 95 (NOTAL)
(d) OPNAVINST 4720.2G (NOTAL)
(e) OPNAVINST 4490.2C (NOTAL)
(f) MIL-STD-1388-1A (NOTAL)
(g) OPNAVINST 4441.12B (NOTAL)
(h) OPNAVINST 4614.1F (NOTAL)
(I) OPNAVINST 4440.19D (NOTAL)

Encl: (1) Logistic Support of the TRIDENT System

1. Purpose. To issue policy and guidance for logistic support of operational TRIDENT Systems. This instruction is a complete revision and should be reviewed in its entirety.

2. Cancellation. OPNAV Instruction 4000.57E.

3. Scope. Addresses Integrated Logistics Support (ILS) for the TRIDENT System. The TRIDENT System consists of TRIDENT Submarines, their associated TRIDENT I (C4) or TRIDENT II (D5) weapons systems, and an integrated logistic shore support system. References (a) through (i) provide specific guidance as referenced in enclosure (1).

4. Policy

a. Logistics support of the TRIDENT System will be in all respects consonant with the high importance of this weapon system relative to the national defense posture.

b. Policy for logistic support of the TRIDENT System is set forth in enclosure (1).

c. Modifications to or disestablishment of logistic support systems that have interfaces with or have an impact on TRIDENT System's logistic support will not be initiated or implemented without both prior Office of the Chief of Naval Operations (OPNAV) approval and coordination with Director, Strategic Systems Programs (DIRSSP).

5. Exception

a. Policy for equipment or systems under the cognizance of the Director, Naval Nuclear Propulsion is specified in a formal working agreement between the Naval Sea Systems Command (NAVSEASYSCOM) (SEA 08) and the Naval Supply Systems Command (NAVSUPSYSCOM) (SUP 41) and in directives issued by NAVSEASYSCOM (SEA 08) and the Naval Inventory Control Point (NAVICP) - Mechanicsburg (Code 87). This instruction does not modify any instruction or document relative to equipment or systems under the cognizance of the Director, Naval Nuclear Propulsion.

b. Policy for integrated logistics support for Trident systems under the cognizance of the United Kingdom (UK) is not included in this instruction. DIRSSP will issue guidance to effect logistics support for UK Trident systems.

6. Action. Utilize the guidance contained in enclosure (1) for planning and implementation of logistic support for the TRIDENT System.

7. Report. OPNAV 4000-16 is assigned to the Monthly Effectiveness Report contained in paragraph 4080 and is approved for 3 years from the date of this directive.

D. E. HICKMAN
By direction

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LOGISTIC SUPPORT OF THE TRIDENT SYSTEM

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1000. MISSILE SUPPORT

1010. Requirements. Strategic Systems Programs (SSP) will ensure operational missiles are available to satisfy the following for each TRIDENT submarine (SSBN) carrying ballistic missiles:

a. Shipfills for loading new construction, overhauled, and converted TRIDENT submarines no later than 15 days prior to the scheduled deployment date of each SSBN.

b. Requirements for Chief of Naval Operations-approved missile test programs to permit complete surveillance of all missiles without degrading operational availability.

1020. Missile Facilities. Strategic Weapons Facility, Pacific, Bangor, WA (SWFPAC) and Atlantic, Kings Bay, GA (SWFLANT), and Naval Ordnance Test Unit, Cape Canaveral, FL (NOTU) will provide missile support to TRIDENT forces.

1030. Missile and Related Equipment Maintenance Plan. The maintenance plan for DIRSSP furnished TRIDENT subsystems (i.e., missile, fire control, guidance, navigation, launcher, test instrumentation, and missile subsystem equipment) will be expressed in appropriate DIRSSP instructions and in DIRSSP-approved maintenance and operations manuals for specific equipment.

1040. Weapon System Configuration Management. SSP will provide configuration management for the TRIDENT weapon system.

2000. TRIDENT SUBMARINE SUPPORT

2010. Maintenance Plans. The Naval Sea Systems Command (NAVSEASYSCOM) will establish and maintain maintenance plans for all TRIDENT submarines per reference (a). These plans will encompass all shipboard systems, subsystems, equipment, and components. Equipment and systems under the cognizance of NAVSEASYSCOM (SEA 08) will be established and maintained following directives issued by that activity. Equipment and systems under the cognizance of SSP will be established and maintained per directives issued by SSP.

2020. TRIDENT System Integrated Logistics. The TRIDENT System consists of TRIDENT submarines, their TRIDENT I (C4) or TRIDENT II (D5) weapon systems and a logistic support structure which will be planned, designed and maintained commensurate with the operational availability requirements of TRIDENT submarines. Per references (b) and (c), TRIDENT submarines are designed to operate on a 100-day cycle. This cycle consists of 65 days at sea on patrol and 35 days off patrol, which includes an approximate 21-day period between patrols for refit, incremental overhauls, appropriate modernization, and resupply. To support this operational cycle, each TRIDENT submarine will have two complete crews assigned. A totally Integrated Logistic Support (ILS) system has been developed to achieve and maintain this operational cycle throughout the life of the TRIDENT submarine. Basic concepts of the TRIDENT logistics program include:

a. SSP will coordinate and issue guidance on OPNAV-approved policy for TRIDENT Strategic Weapons System (SWS) training. The Chief of Naval Education and Training (CNET) and the Chief of Naval Technical Training (CNTT) will ensure that TRIDENT training facilities are provided to support training requirements.

b. TRIDENT submarines will be supported from dedicated TRIDENT submarine bases located in the United States. Operational and logistic support commands will be established under appropriate major claimants to support TRIDENT submarine maintenance, training, replenishment, and operational requirements. As a minimum, these organizations will include TRIDENT submarine GROUP and SQUADRON commanders, TRIDENT training, refit (replenishment) and base support facilities for TRIDENT submarines, and strategic and tactical weapons facilities support of specific weapons.

If direct command relationships between Fleet commands and support activities are not present, additional duty relationships will be established.

c. TRIDENT Command and Control System (CCS) computer software maintenance will be performed by a dedicated TRIDENT command and control maintenance activity under the cognizance of NAVSEASYSCOM.

d. System designs will reflect equipment configuration which are designed for maximum accessibility and removability, with extensive emphasis on performance monitoring and planned maintenance, and module or component replacement vice piece-part repair. Planned Maintenance System (PMS) tasks performed during patrols, with a periodicity of monthly or less, will not require more than 2 hours of system or equipment off-line time.

e. A dedicated task force embodying the technical skills and resources of the Naval Inventory Control Point (NAVICP) - Mechanicsburg, Fleet Material Support Office (FMSO) and the Naval Sea Logistic Support Center (NAVSEALOGCEN) will provide life cycle technical and administrative support of the Consolidated Data File (CDF), the Logistic Data System (LDS), and other supply support programs. SSP will issue or revise appropriate directives which will ensure the coordination of these activities.

f. TRIDENT systems and equipment are designed to minimize the requirements for at-sea preventive and corrective maintenance. Corrective maintenance during patrol will normally consist of module, assembly or minor component replacement. However, this maintenance concept will not negate the requirement for crew training, technical documentation, repair parts and spares to support more extensive corrective maintenance actions while on patrol if the need arises.

g. TRIDENT Refit Facility (TRIREFFAC) intermediate maintenance responsibilities include, in priority sequence: (1) Support of operational TRIDENT submarines, (2) TRIDENT Planned Equipment Replacement (TRIPER) Program (discussed in paragraph 2030c) maintenance, (3) support of the TRIDENT Training Facilities (TRITRAFACs), (4) Other Program I activities, and (5) non-TRIDENT activities on a not-to-interfere basis.

2030. Refit, Engineered Overhaul, and Incremental Overhaul of TRIDENT Submarines. TRIDENT logistic support will be based on a maintenance concept that provides for a progressive, incremental overhaul including accomplishment of planned and corrective maintenance and directed modernization actions during the refit

maintenance period. The TRIDENT maintenance concept will include emphasis on accomplishment of maintenance ashore, rotatable pool and off-hull maintenance of selected equipment, prestaging of material resources, use of performance monitoring, and disciplined alteration and improvement programs. TRIDENT Class Maintenance Plan will identify the technical requirements for organizational, intermediate, and depot level maintenance.

a. Refit of TRIDENT Submarines. TRIREFFACs under the submarine Type Commanders (TYCOMs) and Strategic Weapon Facilities (SWFs) under SSP will conduct routine refits and progressive, incremental overhauls and backfits of TRIDENT submarines.

b. Engineered Overhaul/Extended Refit for TRIDENT Submarines. During its operational life cycle each TRIDENT submarine will periodically undergo an Engineered Overhaul (EOH) or Extended Refit Period (ERP). NAVSEASYSCOM will coordinate planning with SSP and the appropriate TYCOM to ensure TRIDENT submarine EOHs/ERPs are accomplished in accordance with OPNAV schedules at shipyards or repair facilities that have the capability to conduct these overhauls.

c. Incremental Overhaul of TRIDENT Submarines. The refurbishment of TRIDENT shipboard equipment will not be deferred until scheduled ship's EOH/ERP unless the equipment can be expected to operate reliably for the full operating period and such equipment refurbishment can be accomplished during the EOH/ERP without jeopardizing the EOH/ERP duration. Instead, equipment will be refurbished on a planned basis by TRIREFFACs conducting progressive, incremental overhauls during regular refit periods by the use of a rotatable pool of selected shipboard equipment. This program is managed by NAVSEASYSCOM and is termed the TRIPER Program. Details on the TRIPER Program are contained in paragraph 4010b. Equipment under the cognizance of SSP and NAVSEASYSCOM (SEA 08) will not be included in the TRIPER Program; however, SSP will review and comment on Strategic Weapon Support System maintenance plans in the TRIPER Program and will provide requirements to NAVSEASYSCOM for incorporation in TRIPER documentation.

2040. Replenishment (Refit) Sites for TRIDENT Submarines. TRIDENT submarines will be operated from and routinely supported by TRIREFFACs and SWFs, which will be capable of providing a full range of repair and maintenance services, including repair of special nuclear and Strategic Weapon System (SWS) components.

TRIDENT submarine replenishment (refit) sites are established as follows:

TRIDENT Refit Facility, Bangor, WA and
Strategic Weapons Facility, Pacific - Bangor, WA

TRIDENT Refit Facility, Kings Bay, GA and
Strategic Weapons Facility, Atlantic - Kings Bay, GA

2050. Test and Measurement Equipment (T&ME) for TRIDENT Submarines. SSP will establish, implement, and maintain a support and test equipment control system to ensure the availability and support of T&ME used onboard TRIDENT submarines and TRIDENT support activities located at Bangor, WA and Kings Bay, GA. Policy for acquisition, configuration control, quality assurance, repair, calibration, and management of T&ME for the TRIDENT System will be issued by SSP. NAVSEA will provide similar support for radiac equipment.

2060. Modernization and Configuration Management for TRIDENT Submarines. NAVSEASYSCOM will ensure that modernization and configuration management of TRIDENT submarines, TRIDENT support equipment (with the exception of SSP and NAVSEASYSCOM (SEA 08) equipment), and related facilities are controlled per reference (d) to ensure that no change has an adverse impact on the TRIDENT submarine refit and patrol cycle or on the continuity and integration of logistics support. This requirement applies to all types of changes. TRIDENT modernization is implemented as part of the TRIDENT Configuration Management Program under the cognizance of the NAVSEA Strategic Submarine Program Manager. CNO (N87) will exercise oversight and approval authority for both Hull, Ordnance and Electronics (HOE) modernization and the Command and Control System Class Improvement Program. NAVSEASYSCOM will ensure the following:

a. The TRIDENT System is delivered with a known system, equipment, component, software, and documentation configuration baseline.

b. Only changes that are both required and actually can be accomplished will be developed. Changes will be approved only after schedules are established that define the planned completion date for each installation.

c. Changes will be accomplished only after full Integrated Logistics Support (ILS) of the altered items and affected shore site equipment is available and adequate life-

cycle funding is identified. ILS includes items such as training facilities, tactical and training unique equipment, and training materials, per reference (e).

d. Alterations to tactical computer and tactical support computer software and hardware will be accomplished only after successful system testing, certification and approval of an off-hull, test and evaluation facility. Alterations to training unique computer software and hardware will also be accomplished only after successful testing, certification, and approval at an off-site facility when conducting these operations at the training site would have an impact on training.

2070. Logistic Support Analysis (LSA) for TRIDENT Submarines. NAVSEASYSCOM will ensure life-cycle LSA is accomplished on new or modified HOE equipment for TRIDENT submarines in accordance with procedures contained in reference (f). The LSA record resulting from this process is the primary source for deriving TRIDENT submarine logistics support requirements.

2080. Performance Monitoring for TRIDENT Submarines. NAVSEASYSCOM will maintain a Performance Monitoring Program (PMP) throughout the operational life of the TRIDENT submarine. Monitoring will include surveillance inspections, trend assessment and analysis, performance tests, review of repair and maintenance documentation, and analysis of equipment and systems. Results of the PMP will be incorporated in the Class Maintenance Plan, refit planning, and EOH/ERP planning, as required.

2090. Technical Documentation for TRIDENT Submarines. SSP and NAVSEASYSCOM will ensure life-cycle accuracy and availability of technical documentation for their respective equipment for all shipboard and training site systems. TRIREFFACs' organizational structures will include a technical documentation support system managed in accordance with current direction for local TRIDENT commands including the TRIREFFACs, TRITRAFACs, and TRIDENT submarines. NAVSEASYSCOM (SEA 08) and SSP will maintain control of technical documentation pertaining to the systems and equipment under their cognizance.

2100. Logistics Data System for TRIDENT Submarines. SSP will establish and maintain a TRIDENT Logistics Data System (LDS) to aid in maintenance and supply management and provide ILS information to logistics element managers, participating managers, and operational users in support of their life-cycle responsibilities. Alterations to TRIDENT LDS hardware and software will be accomplished only after SSP approval and successful system testing and certification at an off-site test and evaluation facility.

3000. COMMUNICATIONS SYSTEMS SUPPORT

3010. Support Requirements. The command or major claimant and life-cycle manager responsible for maintenance of TRIDENT-related communications equipment will ensure that the spares, repair parts, and consumable items required to support these equipment are maintained in accordance with reference (g).

4000. MATERIAL SUPPORT

4010. Support Concept. Material support of TRIDENT Systems will be structured as follows:

a. NAVSEASYSCOM will budget, procure, and manage major HOE spare equipment required for expeditious replacement in the event of damage from battle, fire, collision, explosion, or storm. NAVSEASYSCOM will ensure that all major spare equipment is identified in accordance with standard Navy supply system procedures. Equipment under the cognizance of SSP and NAVSEASYSCOM (SEA 08) is excluded from this provision.

b. NAVSEASYSCOM will establish and maintain a rotatable equipment pool of selected equipment applicable to all TRIDENT submarines to achieve the progressive, incremental overhaul of these submarines discussed in paragraph 2030c. TRIDENT shipboard equipment, excluding equipment under the cognizance of SSP and NAVSEASYSCOM (SEA 08), requiring significant maintenance during the operating period between EOHs/ERPs that is beyond the capability of ship's force and cannot be otherwise accomplished during a refit period (without unacceptable impact on other refit requirements) will be supported by the TRIPER Program. Accordingly, the TRIPER Program will include all equipment or subassemblies necessary to achieve this goal. NAVSEASYSCOM is responsible for the overall management of the TRIPER Program and for ensuring the availability of fully ready pretested TRIPER items to support this concept. Depth of inventory of TRIPER items will be determined to preclude not-in-stock situations as a result of unprogrammed events. TRIPER inventory assets will be controlled and issued to assure their sole dedication to support the TRIDENT submarine Program.

c. TRIDENT submarines will be provided Coordinated Shipboard Allowance Lists (COSALs) for missile weapon systems (i.e., missile, fire control, guidance, navigation, launcher, test instrumentation, and missile subsystem equipment) support, reactor plant (Q-COSAL) equipment support, and HOE equipment support tailored to onboard equipment and the related maintenance requirements.

d. TRIREFFACs will be provided load lists designed to support their dual mission as Intermediate Maintenance Activities (IMAs) and logistic replenishment support point for TRIDENT system supported units and activities such as TRITRAFACs, selected service craft and direct support telecommunication activities in support of the TRIDENT program. SSP,

NAVSUPSYSCOM and NAVSEASYSCOM will provide load list support for TRITRAFACs organizational level maintenance requirements consistent with effectiveness goals established for TRIDENT submarines.

4020. Allowance and Load Lists. SSP has overall responsibility for the development, computation, issuance, and accuracy of allowance and load lists for TRIDENT submarines, TRITRAFACs, TRIDENT support facilities, and other TRIDENT program ships. Models used for this purpose will be approved by SSP and OPNAV. SSP has overall responsibility for the assignment of Military Essentiality Codes (MECs) that provide a relative ranking system for measuring the effect of part failures on the capability of TRIDENT submarines to perform their mission. The MEC, plus historical or predicted TRIDENT program usage data, will be used in the computation of shipboard allowances and load lists. Items allowed as onboard repair parts in the allowance lists are to be within the maintenance capability of the activity. Reactor plant support aspects of such load lists, MEC assignments and allowance lists will be concurred with by NAVSEASYSCOM (SEA 08) and NAVICP - Mechanicsburg (Code 87) and will be in accordance with NAVSEASYSCOM (SEA 08) policy.

4030. TRIDENT Submarine Supply Support. A COSAL provides the first level of onboard support and will constitute the initial allowance for each TRIDENT submarine. The COSAL will be designed to provide the range and depth of repair parts, operating space items, equipage, and consumables required to support organizational level planned and corrective maintenance for a period not to exceed 90 days. The depth of repair parts will be provided to ensure the following:

a. Ninety-nine and ninety-nine one hundredths percent average protection against probability of stockout for items that, if not available, would cause total missile launch degradation or termination of patrol.

b. Ninety-nine percent average protection against probability of stockout for items that, if not available, would partially degrade the missile launch capability.

c. Ninety percent average protection against probability of stockout for all other items.

d. Q-COSAL and associated repair parts and allowance items will be as directed by NAVSEASYSCOM (SEA 08).

4040. TRIDENT Refit Facility Supply Support. TRIREFFACs manage a tailored load list which provides supply support for the TRIDENT System. The policy for determination of load list quantities, range of material, budgeting, revisions, and update procedures will be promulgated by SSP. The process used to develop allowed range and depth of material will be approved by OPNAV.

4050. TRIREFFAC EOH/ERP Supply Support. TRIREFFACs will coordinate TRIDENT Repair Parts Analysis Program (TRAP) support for each TRIDENT submarine undergoing EOH/ERP, to include physical inventory, identification, management, and temporary storage of On Board Repair Parts (OBRPs), identification of OBRP deficiencies and turn-in of excesses, verification of usage life of shelf-life material and ensuring that material required by TRIDENT submarines is onboard prior to deployment. TRIREFFACs will also provide elements of TRAP support for TRIDENT submarines undergoing extended availabilities as time permits. TRIREFFACs shall coordinate with NAVICP Code 87 for the accomplishment of tasks related to reactor plant repair part outfitting of TRIDENT submarines in EOH/ERP.

4060. Supply System Support. Material for replenishment of stocks in TRIDENT submarine COSALs and shore-based load lists will be stocked by the Navy supply system, the Defense Logistics Agency (DLA), or the General Services Administration (GSA) and positioned at the TRIREFFACs. SSP will ensure supply system support of TRIDENT Systems is sustained at the level necessary to meet the material availability goals set forth in paragraph 4070. In the accomplishment of these goals, SSP, NAVSUPSYSCOM, NAVSEASYSCOM, CNET, and the Fleet Commanders will ensure that funding for support of the TRIDENT Systems is planned, programmed, budgeted, and executed.

4070. Material Availability Goals. Material availability goals are established for all echelons of support. For each echelon, these goals are expressed in one or more of the following material availability computations: Gross Supply Availability (percentage of all stock numbered items requested that were available at the time requisitioned), Net Supply Availability (percentage of the items carried in stock at the activity that were available at the time requisitioned), and TRIDENT submarine refit period Supply System Gross availability (percentage of all stock numbered items requested by a TRIDENT submarine during a refit period and supplied from all sources during the same refit period). These measures will be termed "Gross", "Net" and

"System Gross". Goals are defined below, and listed in Appendix A for convenience. Nuclear reactor plant material availability goals will be established by NAVSEASYSCOM (08).

a. TRIDENT Submarine Material Availability Goal. The TRIDENT submarine patrol period Gross supply availability goal is 95 percent.

b. TRIREFFAC Material Availability Goals. Material to support the repair and resupply of TRIDENT systems will be stocked at the level necessary to support the following availability goals. For requisitions bearing TRIDENT project code "X", the material availability goals are 90 percent Net and 85 percent Gross for TRIDENT applicable HOE material, and 95 percent Net and 90 percent Gross for SWS material. Nuclear material availability goals are managed by NAVSEASYSCOM (08).

c. Refit Material Availability Goal. For TRIDENT submarine requisitions submitted during a refit period, a goal of 95 percent Supply System Gross availability is established for material supplied from all sources. System Gross availability percentages less than 90 percent will be the subject of special review action by the TYCOM. For the purpose of calculating this measure, Issue Group III and non-standard requisitions will be excluded.

4080. Material Availability Reporting. A report of Gross and Net supply availability achieved will be submitted monthly by TRIREFFACs. These reports will be submitted to the applicable TYCOM with a copy to applicable codes within NAVSUPSYSCOM, SSP, and NAVICP. TRIDENT submarines will submit a post-patrol supply effectiveness report per SQUADRON directives as prescribed by the TYCOM. At a minimum, this report will include the total number of demands registered and the Gross Supply availability, broken down by COSAL and non-COSAL, and a listing of not-in-stock and not-carried demands taken during the patrol.

4090. Protection Level Material Availability. In addition to maintaining sufficient material to achieve the availability goals cited above, SSP in conjunction with NAVSEASYSCOM and NAVSUPSYSCOM will ensure the stocking of at least one Minimum Replacement Unit (MRU) of all items that, if not available, would degrade the mission of any TRIDENT submarine.

4100. Onboard Requirements. TRIDENT submarines will have, at minimum, 99 percent of the range of spares, repair parts, and equipment-related consumables required by the most recent COSAL allowance lists onboard prior to deployment. Additionally, 100 percent of the range and depth of allowed Q-COSAL reactor plant

material must be onboard or on order at all times. If the above standards are not achieved, the decision to deploy will be determined by the operational commander.

4110. Fleet Submarine Logistics Support Offices. To provide effective support of TRIDENT submarines through their life cycle, including new construction, Predeployment, Post Shakedown Availability (PSA) and EOH/ERP, TRIREFFAC Submarine Logistics Center (SUBLOGCEN) Kings Bay, GA and Submarine Logistics Support Center (SUBLOGSUPPCEN) Bremerton, WA have been established. These activities will provide a focal point through which Commander Submarine Force, Atlantic (COMSUBLANT) and Commander Submarine Force, Pacific (COMSUBPAC) will exercise supply responsibilities, procedures and policies for the TRIDENT systems assigned to Commander in Chief, Atlantic Fleet (CINCLANTFLT) and Commander in Chief, Pacific Fleet (CINCPACFLT). Submarine Type Commanders will provide detailed responsibilities for the Submarine Logistics Support Offices in conjunction with SSP and NAVSEASYSCOM.

4120. TRIDENT Uniform Material Movement and Issue Priority System (UMMIPS) Policy. UMMIPS requirements, as defined in reference (h), are applicable to TRIDENT Systems, which carry the Department of Defense's (DOD) highest military and industrial priority.

4130. Force/Activity Designators (F/ADs). The F/ADs are used to determine the priority designator that expresses the urgency of issue transactions and material movement. For TRIDENT Systems, F/ADs are:

a. F/AD I applies to TRIDENT submarines, Squadrons, TRIREFFACs, SWFs, program support ships, shipyards, other Navy and contractor activities when responding to TRIDENT program requirements, and TRIREFFAC load list replenishment requirements which meet the criteria established by OPNAV, NAVSUPSYSCOM and SSP.

b. F/AD III applies to training facilities, Submarine Bases (SUBASEs), and industrial activities including depot production and fourth level test and repair activities. F/AD I applies to these activities when responding to TRIDENT requirements, TRIPER Program refurbishment requirements, or reactor plant component refurbishment requirements.

4140. Requisition Priority Limitations. The following limits are placed on the number of requisitions bearing high priority designators:

a. TRIDENT Submarines. All requisitioners shall ensure that priority assignments are based on strict application of F/ADs and on Urgency of Need Designators (UNDs) in accordance with the ships operational status.

b. Other/Activity Categories	Ratio of total requisitions that may bear Priority Designators 01 - 08
TRIREFFACs, TRITRAFACs, SWFs	80%
Surface Ships in support of TRIDENT Systems	55%
Shipyards, Naval Ordnance Test Unit (NOTU), and other industrial activities	50%
Research, development, and laboratory activities	40%
Other shore-supporting activities (e.g., SUBASE)	25%

4150. Transportation of Material. All TRIDENT Strategic Weapons System (SWS) material will be shipped by traceable means only. Funding for all transportation will be furnished by NAVSUPSYSCOM and SSP, via Transportation Account Codes (TACs). Surface transportation is preferred for shipment of TRIDENT SWS material. High priority material requirements that cannot be satisfactorily met by surface transportation will be filled by air shipments. Fleet Commanders-in-Chief or designated logistics/transportation agents will determine airlift requirements and exercise strict movement control over material for TRIDENT forces.

4160. TRIDENT Submarine East Coast Predeployment Support. East Coast logistic support will be required while new construction TRIDENT submarines are undergoing post-delivery, predeployment operations. These operations consist of Demonstration and Shakedown Operations (DASO), combined Weapon System Accuracy Trials (WSATs), PSA, and type training. SSP will issue procedures for TRIDENT submarine logistic support during these predeployment East Coast operations.

4170. Cannibalization and Diversion of TRIDENT Submarine Equipment, Components, Spares, and Repair Parts. Cannibalization or diversion of Government and contractor-furnished TRIDENT

material, excluding equipment and systems under the cognizance of NAVSEASYSCOM (SEA 08), will follow procedures established by references (e) and (i) and SSP, NAVSEASYSCOM, NAVSUPSYSCOM, CNET, and Fleet Commanders. Strict accountability of all cannibalized or diverted TRIDENT submarine equipment and components will be maintained by Submarine Type Commanders.

Appendix A

TRIDENT SYSTEM MATERIAL AVAILABILITY[1]/ GOALS (PERCENTAGES)

	HOE (Net/Gross)	Combined (Net/Gross)	SSP Weapon System (Net/Gross)
PATROL			
TRIDENT Organic Support[2]/		NA/95	
REFITS			
TRIDENT Refit Period Supply System Gross Availability[3]/		NA/95	
MONTHLY			
TRIREFFAC	90/85		95/90

NOTES:

1. Availability goals will not consider requirements for non-stock numbered items. Permanent Navy Item Control Numbers (PNICNs) and Unique Control Numbers (UCNs) are not considered stock numbers. Temporary Navy Item Control Numbers (TNICNs) and Activity Control Numbers (ACNs) are considered stock numbers.

2. TRIDENT submarines will complete a post patrol effectiveness report per SQUADRON directives. As a minimum, this report will include the total number of demands, broken down by COSAL and non-COSAL, the net and gross effectiveness figures, and a listing of not-in-stock and not-carried demands taken during the patrol.

3. System Availability is the aggregate of support received from all echelons (e.g., TRIREFFACs, stock points, supply system). In calculating this measure, Issue Group III and non-standard requisitions will be excluded.